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headings, text body and to optionally enclosed files stored in a database **42** in the host arrangement **11** according to the invention, which in the illustrated case has the form of a server **11** designated IGSA Server (Internet GSM Smart Access Server).

An arrived e-mail creates an SMS **50** which is sent to the MS unit **20** of the e-mail addressee. The SMS message is comprised of the following information:

a. An application prefix, e.g. "/e-mail:" **44**, wherein the prefix denotes that SMS is an e-mail agent containing a control code for the applications software **49** that a communications software **46** shall recite for access to transmitted e-mail found in a computer **22** connected to and MS unit or to a resident in the MS unit **20**.

b. E-mail notification **45** including text to the receiver containing information, such as:
Type of errand.
Sender.
Number of files and their types, e.g. text of graphics, etc.
Transmission time in a GSM system.
Size of e-mail, e.g. in bytes.

c. Agent part **48** with information for the communications software **46** and, in certain cases, for the applications software **49**, such as:
A field "Job__id" **41**, which gives a work notation for e-mail stored in the server **11**.
A field "Code" **43** which gives a password for obtaining the access-right to download an intended "Job__id" in, e.g., a database connected to communications software **46**.
A field "DSG address (Data SMS Gateway Address)" containing the address and/or telephone number of the server **11** in which intended e-mail has been stored.

SMS **50** is stored in an MS unit, often a cellular telephone, where communications software **46** can read the notified information **45**. The receiver is able to read all SMS **50** stored in the MS unit **20**, by connecting the MS **20** to a computer **22** having activated communications software **46**, and transfer the SMS **50** with the correct prefix to intended applications software **49**, for instance the applications software denoted by the prefix "/e-mail:". Thus, different versions of the application software **49** or other functions can be denoted with other appropriate prefixes. Thus, an unlimited number of applications software **49** can be connected to a communication software **46**.

According to the aforegoing, the correct applications software **49** is activated by the communications software **46** through the medium of the prefix, and notification information **45** is shown in the computer unit **22** together with specific possible commands, such as the functions:

"Get Now"
"Get Later"
"Delete Mail"
Etc.

For instance, when the "Get now" function is activated, the communications software **46** reads the agent-part **48** of SMS and executes the following procedures:

1. Calls the number in the "DSG address" **47** (start of a session).
2. Subsequent to having established a call setup transfers "Job__id" **41** and "Code" to the server **11**, which verifies the information and when finding agreement commences the transmission of data in the same session.

3. Releases the transmitting part of the session when transmission is terminated.

Upon completion of the session, the communications software **46** re-adopts an SMS-read setting and continuously reads the connected MS unit **20** in accordance with new notification agents.

The procedure of downloading data in the applications program **49** can be automated when necessary via the SMS agent, i.e. in the case of certain types of message the command "Get Now" can be initiated automatically by the SMS agent.

With reference to FIG. **5**, the present invention also includes an embodiment for automatically registering a client, subscriber, user or customer of the inventive SMS system.

The communications software **46** is installed, e.g., in the harddisk of a computer **22** via downloading from a diskette or alternatively from Internet via, e.g., a www.homeside (world wide web—home side). The communications software **46** installation program and, in some instances, the program for installing applications software **49**, identifies the modem used and makes adjustments therefor.

When starting-up newly installed software **46** at the beginning of a session, the software automatically calls the server **11** and feeds-in user data required by the communications software **46**, this user data possibly comprising parameters such as desired e-mail address with alternatives **1**, **2**, **3**, etc., personal identification number, subscriber number to MS unit **20**, desired password when manually downloading e-mail and starting-up software, and information concerning the configuration of a user computer **22** intended for the user database **52** in which all users are registered.

The commenced data session for automatically registering an e-mail address in the server **11** is maintained while the server **11** checks an e-mail address desired by a user in the user database **52**, for instance with respect to whether the chosen address is unique or not.

During an ongoing session, a check is made in a special database designated "Bad name db" **51** as to whether or not the chosen address is suitable. For instance, unsuitability may have many causes, for example the wrong country code may have been given. Furthermore, many words are reserved for use as command words in the system or unallowed because they give offense, etc.

When the automatic registration of an e-mail address has a positive outcome, there is sent a welcome letter or welcome information which includes the accepted e-mail address, possible alias addresses and advice to the newly registered user. The aforesaid data session is indicated by the full line arrows in FIG. **5**, wherein the broken line arrows indicate data transmitted during the session.

The communications software **46** thereafter shows an activation window on the display of computer **22**, asking the user to insert an activation code, which is sent from the server **11** via an SMS. In this way, registration according to the aforegoing is confirmed independently of automatic registration, via a modified SMS used for identifying an installing subscriber, which thereafter is the method by which e-mail is sent and received by a user registered in the user database **52**.

Manual insertion of the obtained code via the activation window activates the communications software **46** for the possibility of sending and receiving e-mail as before mentioned.

When using a modem which supports SMS handling, as certain GSM modems do, activation takes place fully auto-